

TRAFFIC RECORDS FORUM 2003

UTILIZATION OF TraCS DATABASE

MARS, ECCO & CIRF

TO ASSESS CRASH & ENFORCEMENT DATA

ON A LOCAL LEVEL

AGENCY INTEREST IN TraCS

- INCREASE AGENCY EFFICIENCY
 - DATABASE CREATED AT POINT OF ORIGINAL ENTRY
 - DATABASE AS CURRENT AS LAST PATROL SHIFT'S TOUR OF DUTY

- REAL TIME ANALYSIS OF DATABASES
 - -ACCIDENTS
 - CITATIONS
 - CRIME REPORTS

Tracs Traffic & Criminal Software

- MARS AGENCY 100% SINCE 1999 X/Y SINCE JAN 2000
 - 497 REPORTS IN 2000 DATABASE
 - 648 REPORTS IN 2001 DATABASE
 - 667 REPORTS IN 2002 DATABASE
 - 345 REPORTS IN 2003 DATABASE THRU JULY 10, 2003
- ECCO AGENCY 100% SINCE JUNE 2000 X/Y SINCE JAN 2001
 - 5,076 CITATIONS IN 2000 DATABASE
 - 5,806 CITATIONS IN 2001 DATABASE
 - 6,570 CITATIONS IN 2002 DATABASE
 - 2,778 CITATIONS IN 2003 DATABASE THRU JULY 10, 2003
- CIRF AGENCY 100% SINCE JULY 2002 X/Y SINCE JULY 2002
 - 2,130 REPORTS IN DATABASE THRU JULY 10, 2003

DATABASE UTILIZATION – AGENCY GOALS

- EVALUATE SELECTIVE ENFORCEMENT ACTIONS AND THEIR OVERALL EFFECTS ON CRASH & CRIME TRENDS IN OUR COMMUNITY
 - REDUCE INJURIES AND PROPERTY DAMAGE
 - INCREASE PUBLIC AWARENESS THROUGH EDUCATION
 - CONFRONT CHANGING TRAFFIC/CRIME SAFETY/PREVENTION NEEDS

PROPERTY DAMAGE LOSS ON STATE REPORTED ACCIDENTS IN YEAR:

2000

\$1,463,761

2001

\$1,164,818

2002

\$1,594,659

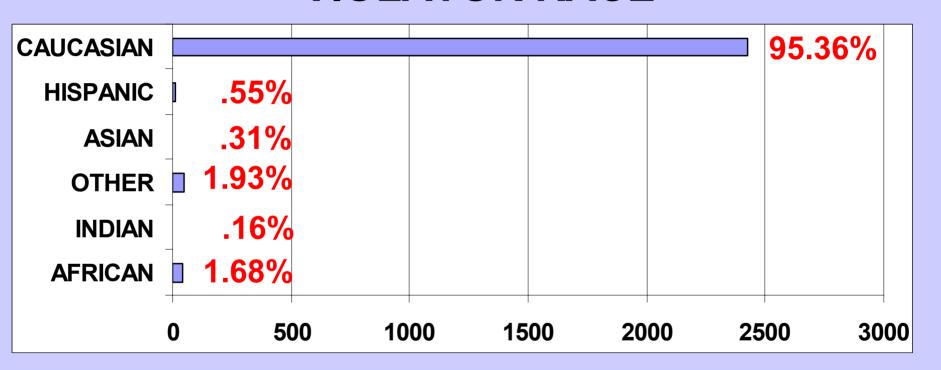
PROPERTY DAMAGE LOSS FROM CRIMINAL ACTIVITY IN 2002:

\$808,900

ECCO DATABASE ANALYSIS GIS-SAVER

TOTAL ECCO CITATIONS JAN-JUNE 2003

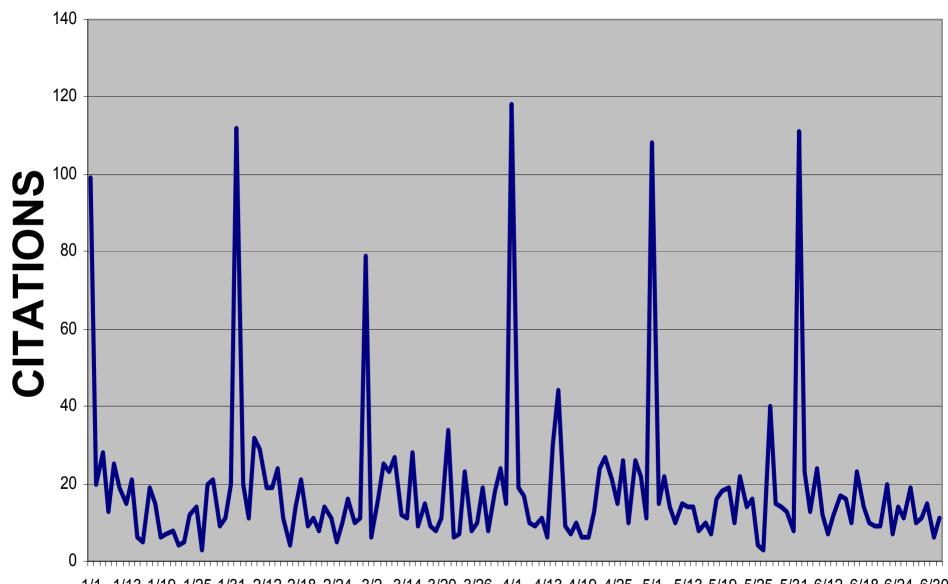
VIOLATOR RACE



CITATIONS

NOTE: 2000 CENSUS REPORTED 97% CAUCASIAN & 3% MINORITIES

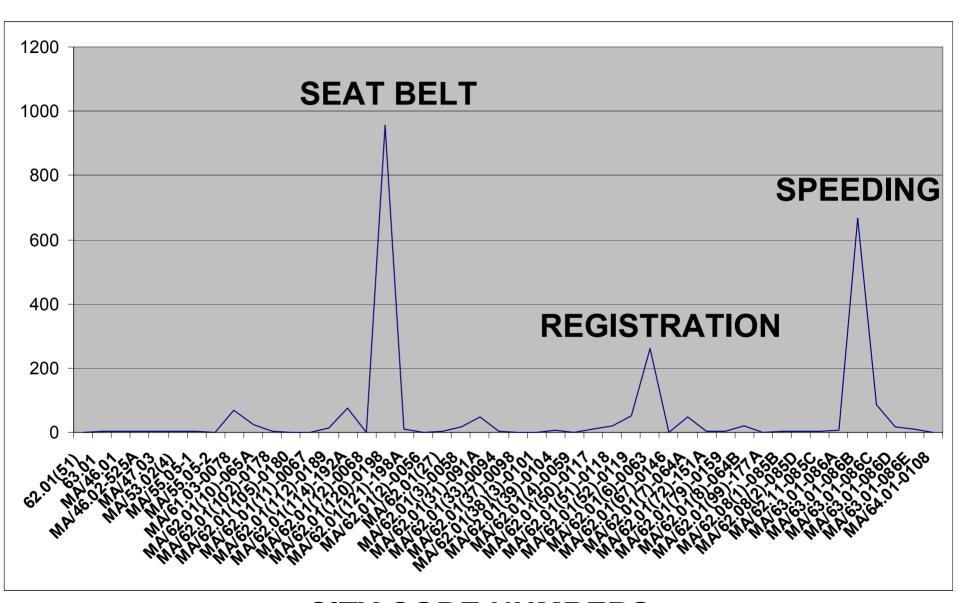
DAILY CITATION ACTIVITY JAN-JUNE 2003



1/1 1/13 1/19 1/25 1/31 2/12 2/18 2/24 3/2 3/14 3/20 3/26 4/1 4/13 4/19 4/25 5/1 5/13 5/19 5/25 5/31 6/12 6/18 6/24 6/30

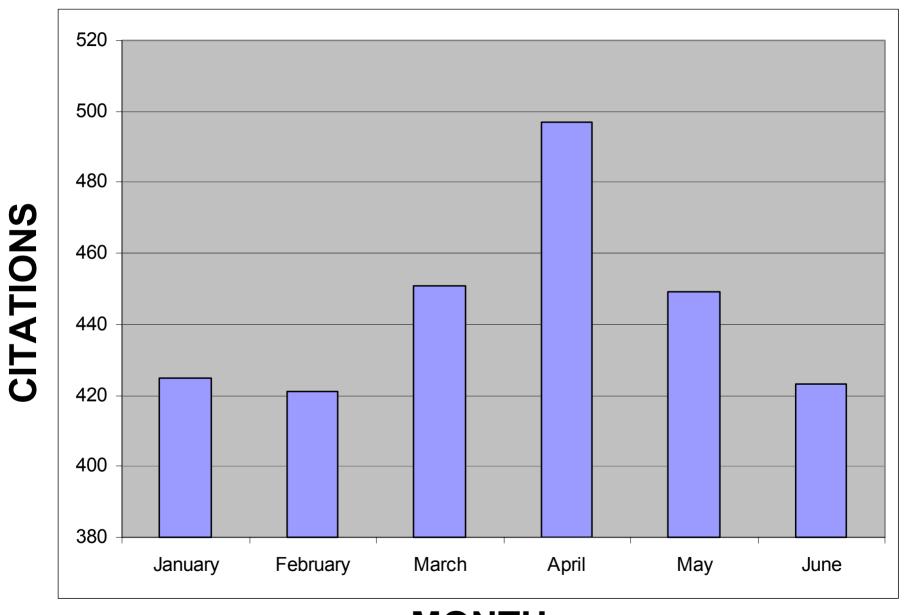
DATE

CITATION ACTIVITY BY TYPE JAN-JUNE 2003



CITY CODE NUMBERS

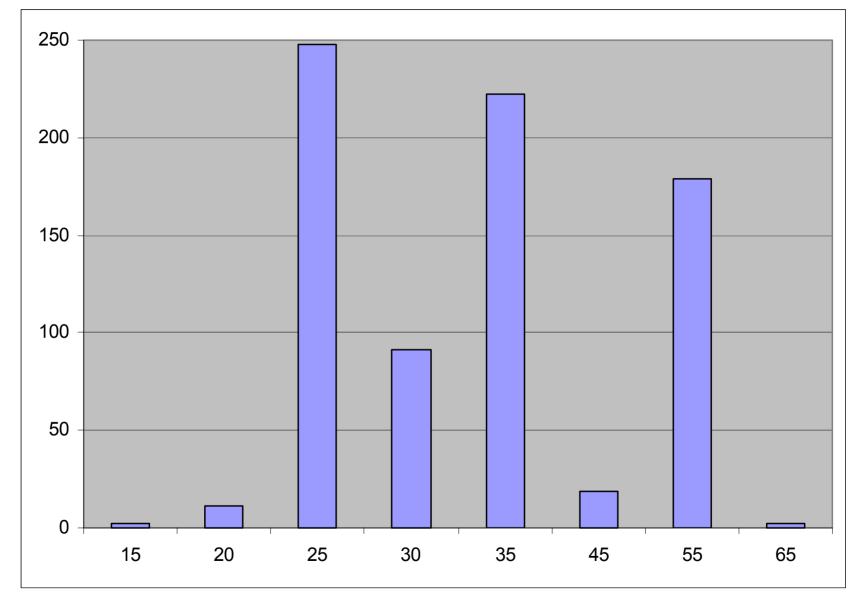
CITATION ACTIVITY BY MONTH JAN-JUNE 2003



MONTH

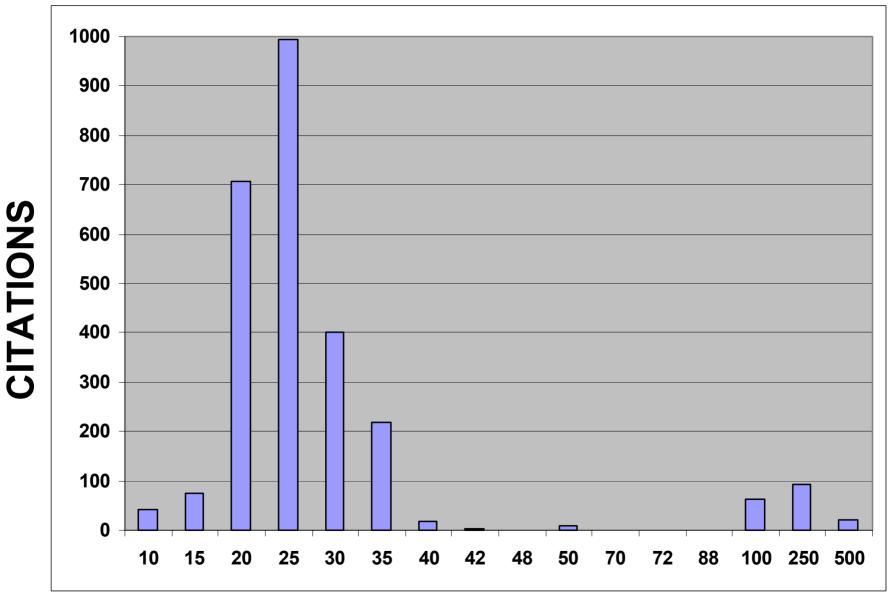
CITATION ACTIVITY BY SPEED ZONE JAN-JUNE 2003





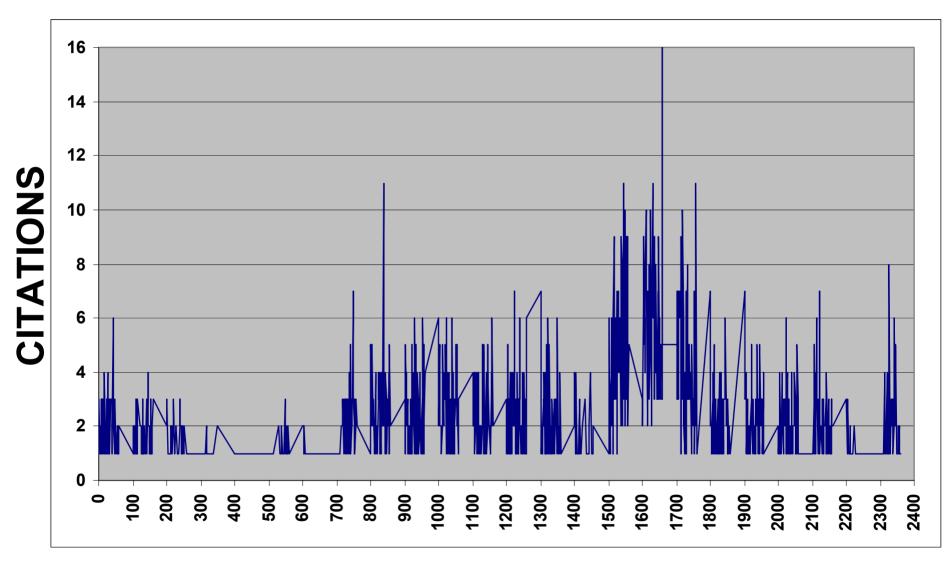
SPEED ZONES

CITATION ACTIVITY BY FINES JAN-JUNE 2003



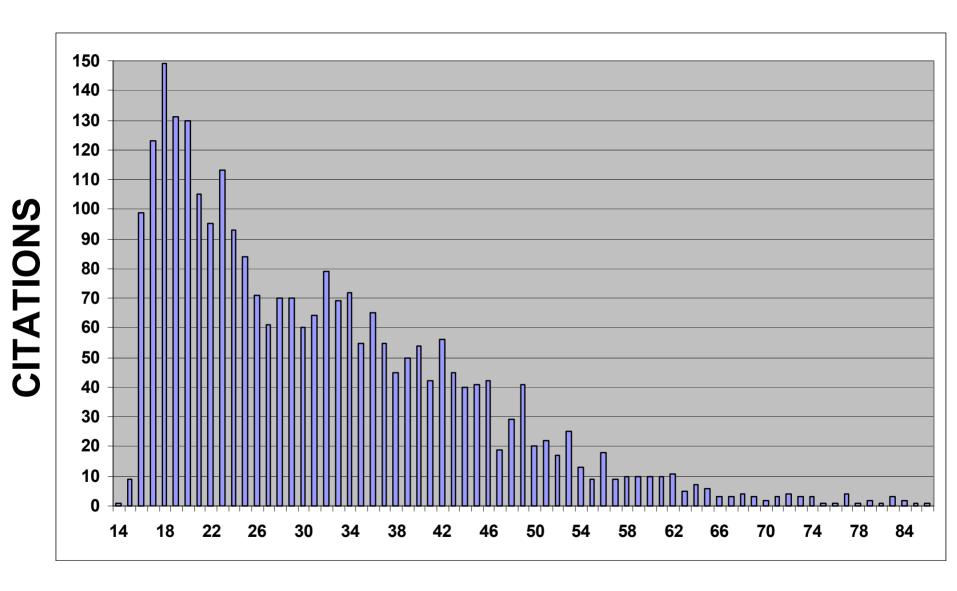
FINE AMOUNTS

CITATION ACTIVITY BY HOUR JAN-JUNE 2003



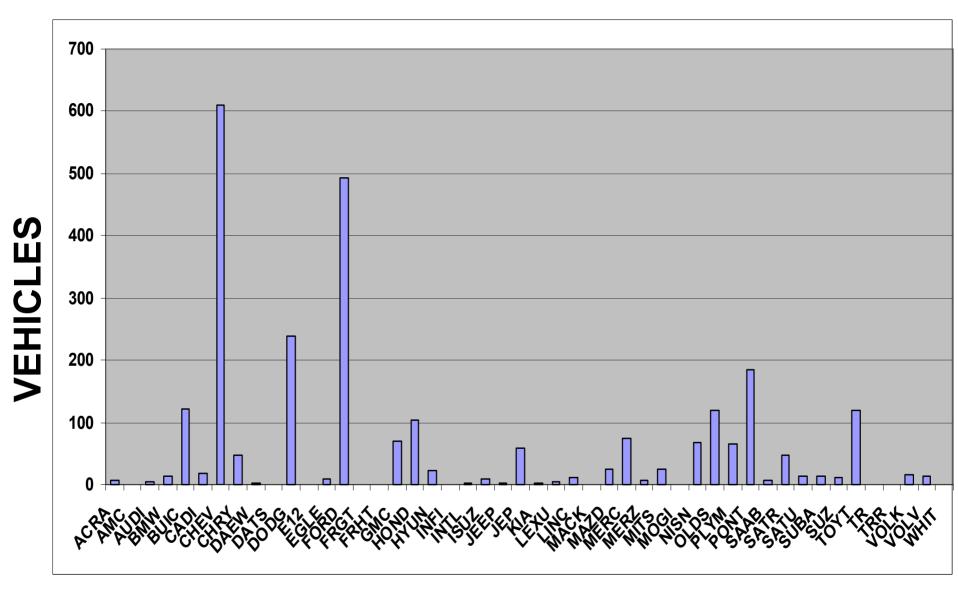
MILITARY TIME

CITATION ACTIVITY BY VIOLATOR AGE JAN-JUNE 2003



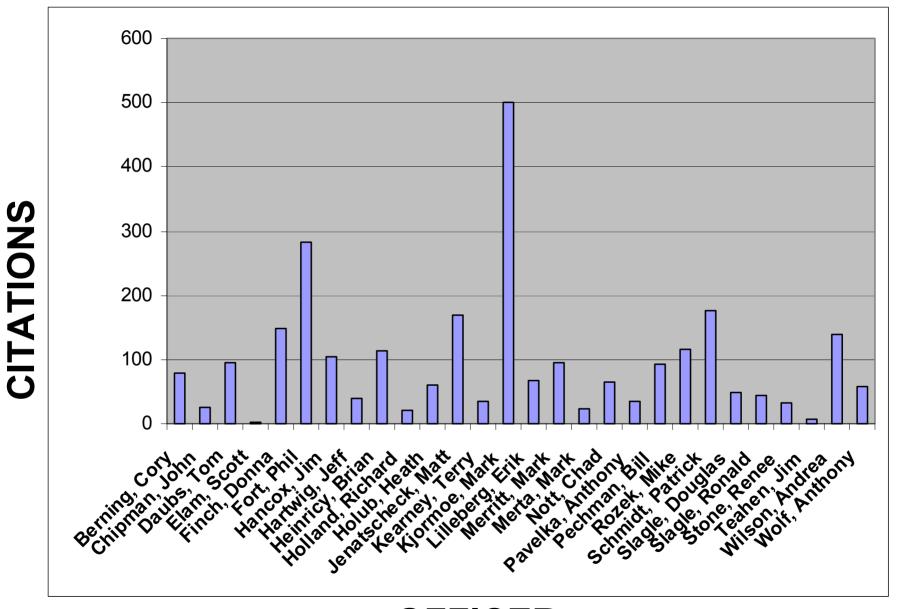
AGE OF VIOLATOR

CITATION ACTIVITY BY VEHICLE MAKE JAN-JUNE 2003



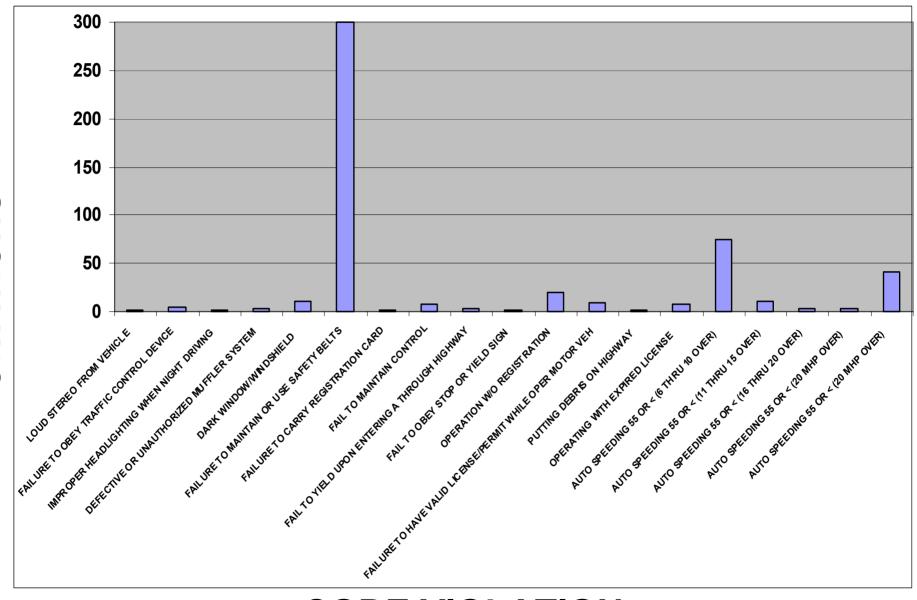
VIOLATOR VEHICLE MAKE

CITATION ACTIVITY BY OFFICER JAN-JUNE 2003



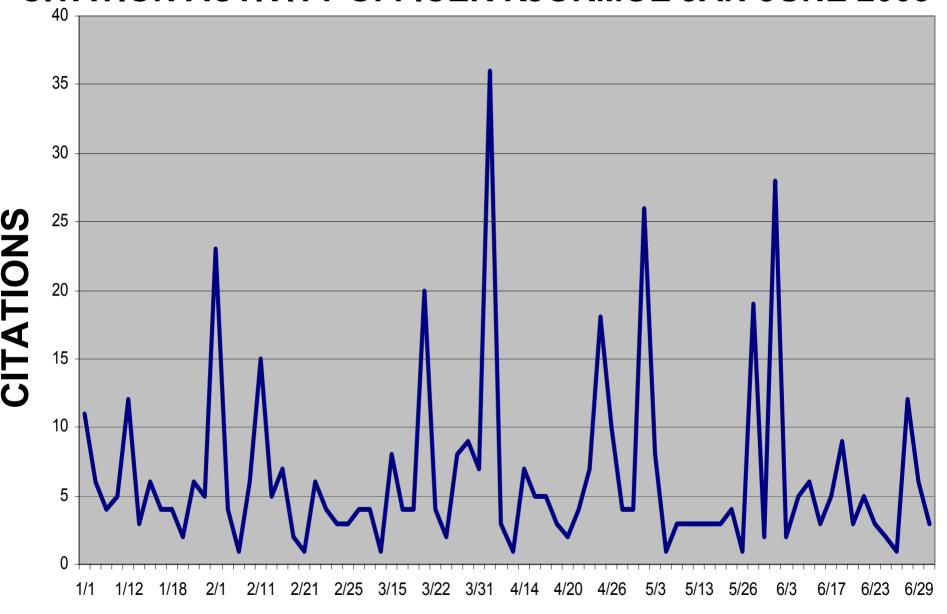
OFFICER

CITATION ACTIVITY OFFICER KJORMOE JAN-JUNE 2003



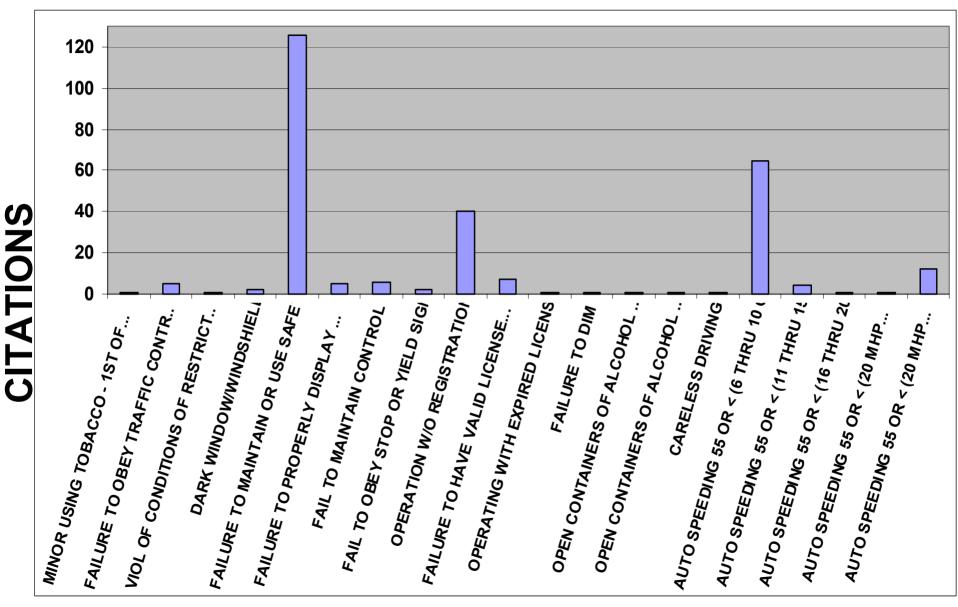
CODE VIOLATION

CITATION ACTIVITY OFFICER KJORMOE JAN-JUNE 2003



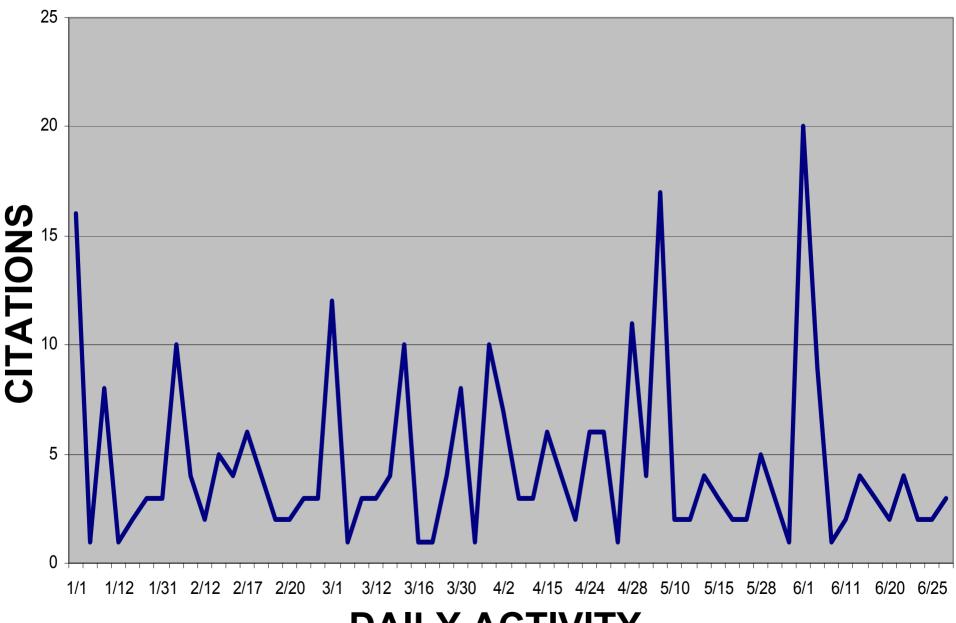
DAILY ACTIVITY

CITATION ACTIVITY OFFICER FORT JAN-JUNE 2003



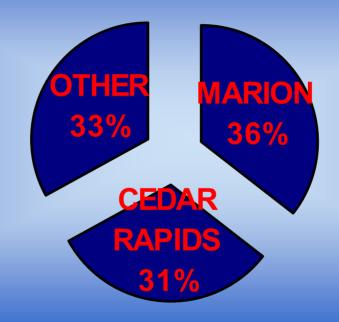
CODE VIOLATION

CITATION ACTIVITY OFFICER FORT JAN-JUNE 2003



DAILY ACTIVITY

TOTAL ECCO CITATIONS 2001 & 2002



TOTAL – 12,376

MARION - 4,384

CR - 3,905

OTHER - 4,087

VIOLATOR RESIDENCE

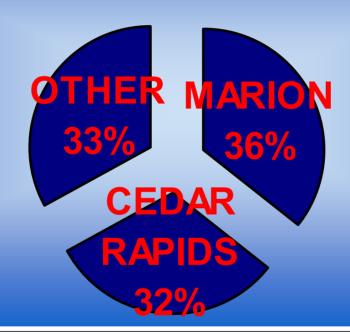
TOTAL ECCO CITATIONS 2003 JAN-JUNE

TOTAL – 2,545

MARION - 905

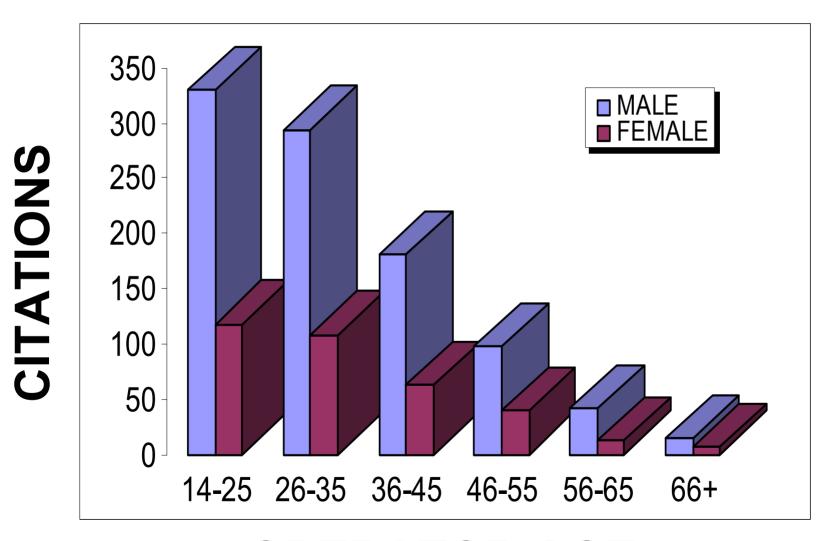
CR - 809

OTHER - 831



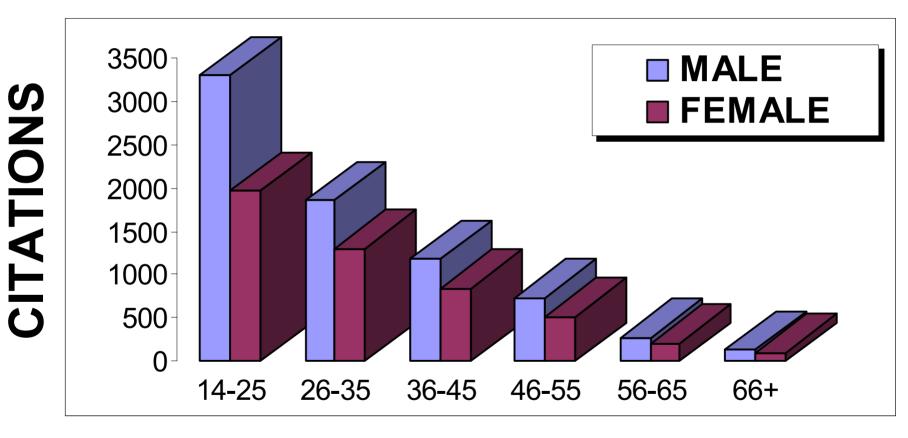
VIOLATOR RESIDENCE

2000 SEATBELT CITATIONS BY AGE/GENDER



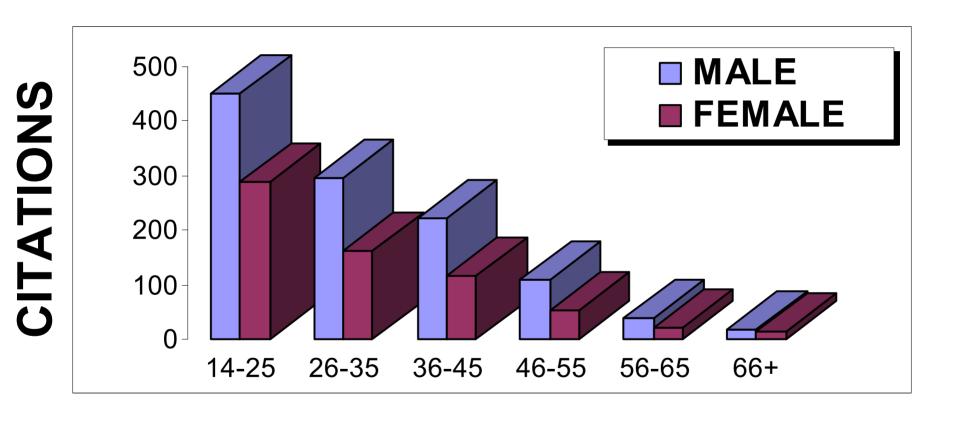
OPERATOR AGE

2001 & 2002 CITATIONS BY AGE/GENDER

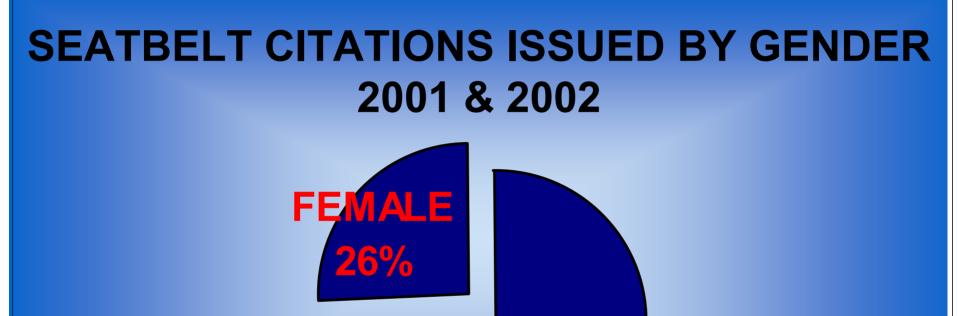


OPERATOR AGE

2003 JAN-APRIL CITATIONS BY AGE/GENDER



OPERATOR AGE



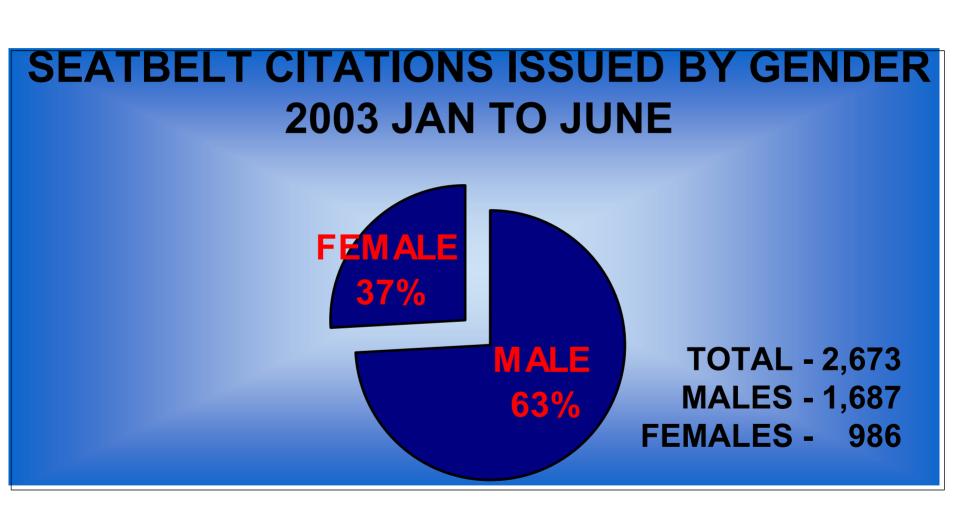
MALE

74%

TOTAL - 3,186

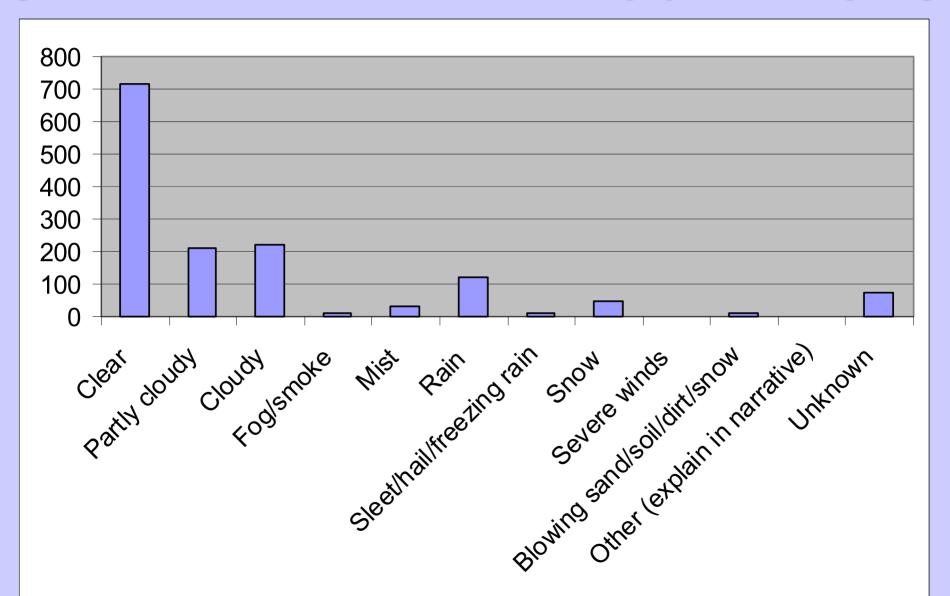
MALES - 2,343

FEMALES - 843

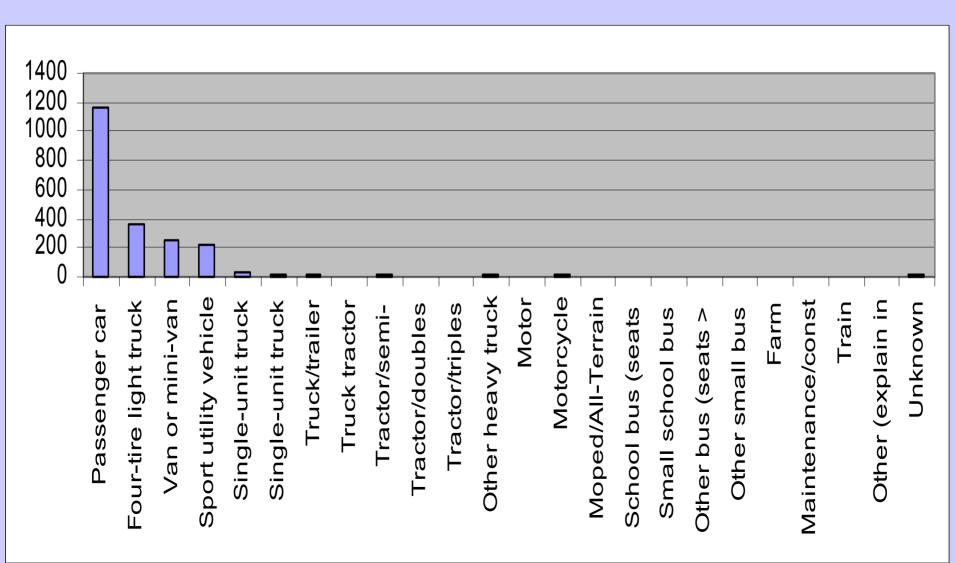


MARS DATABASE ANALYSIS GIS-SAVER

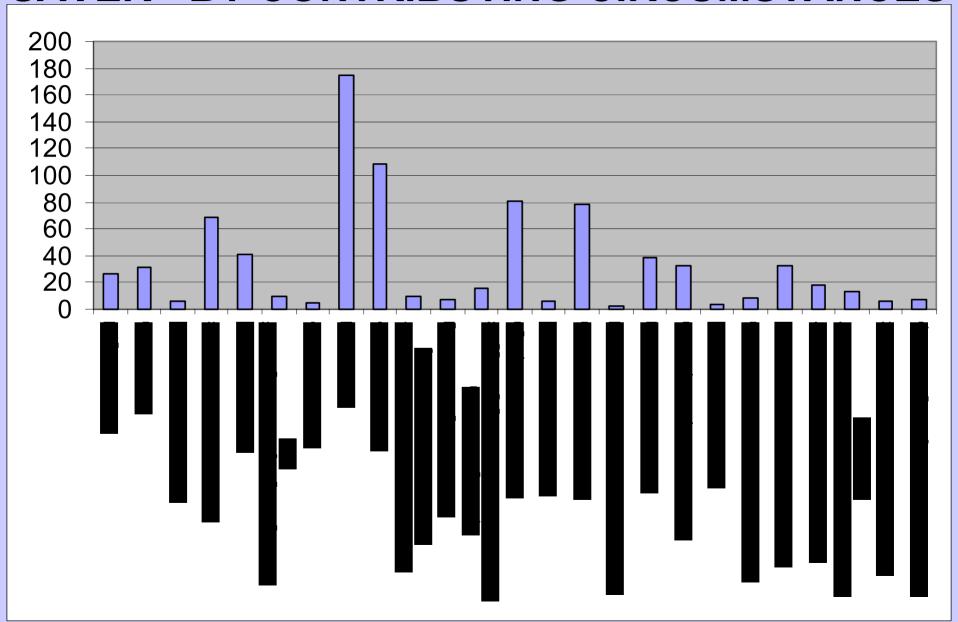
2001-2003 APRIL CRASH HISTORY SAVER - BY WEATHER CONDITIONS



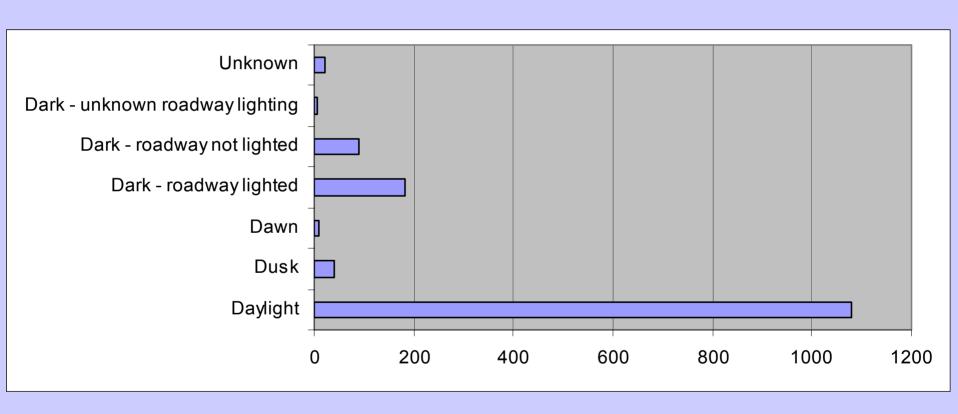
2001-2003 APRIL CRASH HISTORY SAVER - BY VEHICLE CONFIGURATION



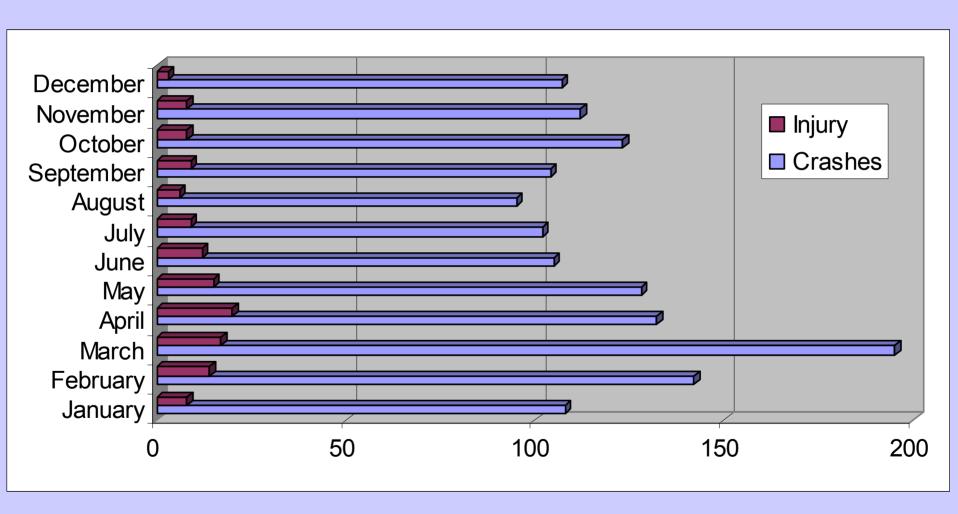
2001-2003 APRIL CRASH HISTORY SAVER - BY CONTRIBUTING CIRCUMSTANCES



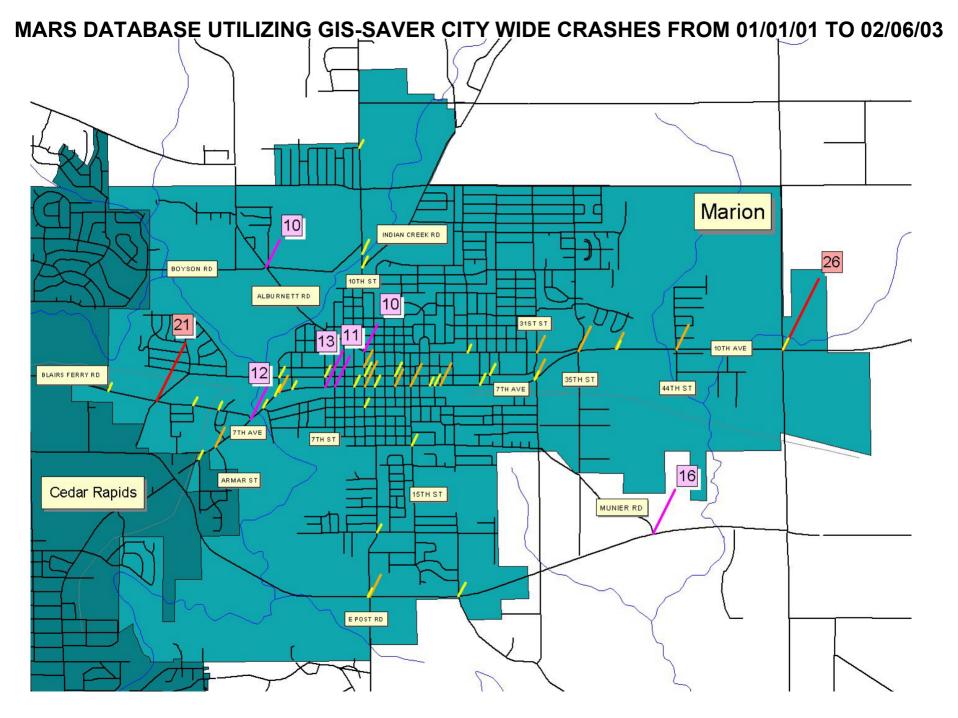
2001-2003 APRIL CRASH HISTORY SAVER - BY LIGHT CONDITIONS



2001- 2003 APRIL CRASH HISTORY SAVER - BY MONTH

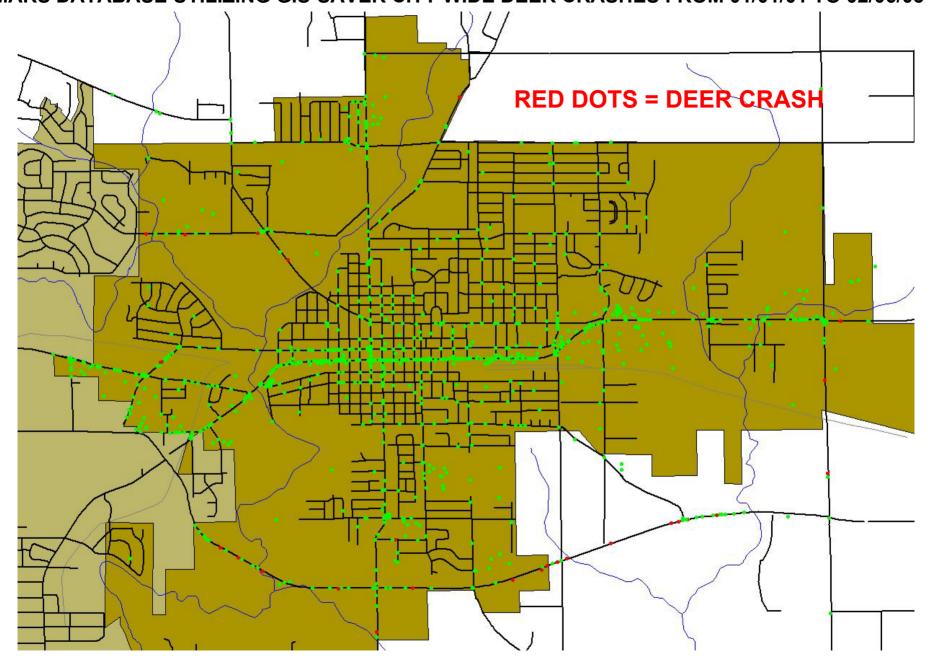


MARS DATABASE UTILIZING GIS-SAVER 7TH AVE CRASHES FROM 01/01/01 TO 02/06/03 Marion INDIAN CREEK RD BOYSON RD 10TH ST ALBURNETT RD 31ST ST 10TH AVE 35TH ST 44TH ST 7TH AVE ARMAR ST 15TH ST MUNIER RD E POST RD



MARS DATABASE UTILIZING GIS-SAVER CITY WIDE CRASHES FROM 01/01/01 TO 02/06/03 Marion INDIAN CREEK RD BOYSON RD 10TH ST ALBURNETTRD 31ST ST 10TH AVE BLAIRS FERRY RD 35TH ST 7TH AVE 44TH ST 7TH AVE ARMAR ST Cedar Rapids 15TH ST MUNIER RD E POST RD

MARS DATABASE UTILIZING GIS-SAVER CITY WIDE DEER CRASHES FROM 01/01/01 TO 02/06/03



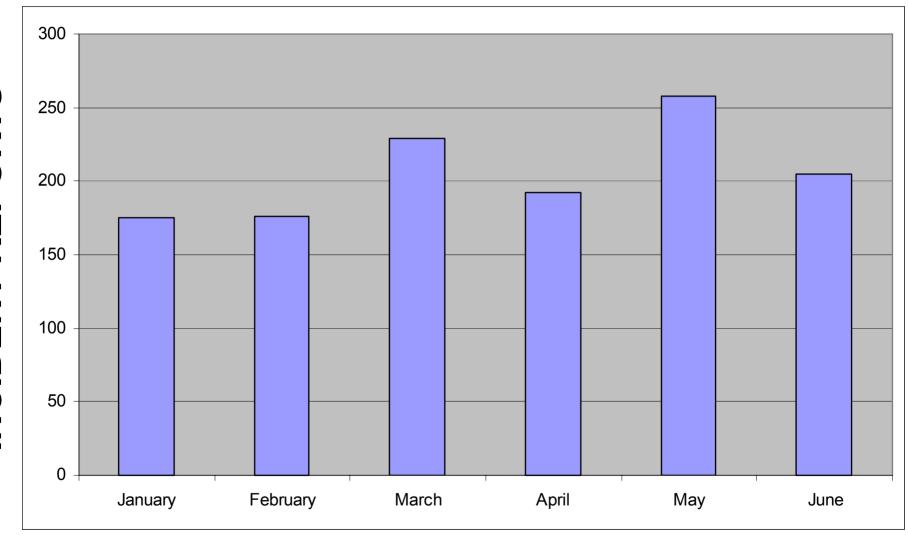
MARION POLICE DEPARTMENT ♦ GTSB ACTIVITY REPORT

Officer	Pin #	Date / /
Time of Activity Hours	to Hours Tota	al # of Hours Worked
ASSIGNMENT BLAIRSFERRY/NORTHLAND BLAIRSFERRY/LINDALE 7 TH AVE/7 TH STREET HWY 151/HWY 13 7 TH AVE/25 TH STREET 7 TH AVE/10 TH STREET 7 TH AVE/10 TH STREET	 ♦ HIGH RISK ACCIDENT L □ 7TH AVE/20TH STREET □ 8TH AVE/10TH STREET □ MARION BLVD/1ST STREET □ 7TH AVE/22ND STREET □ 7TH AVE/26TH STREET □ HWY 151/35TH STREET 	OCATIONS (✓) □ 7 TH AVE/12 TH STREET □ 7 TH AVE/13 TH STREET □ 10 TH AVE/31 ST STREET □ HWY 151/44 TH STREET □ 10 TH AVE/35 TH STREET □ 10 TH AVE/35 TH STREET

CIRF DATABASE ANALYSIS GIS-SAVER

CIRF ACTIVITY BY MONTH JAN-JUNE 2003

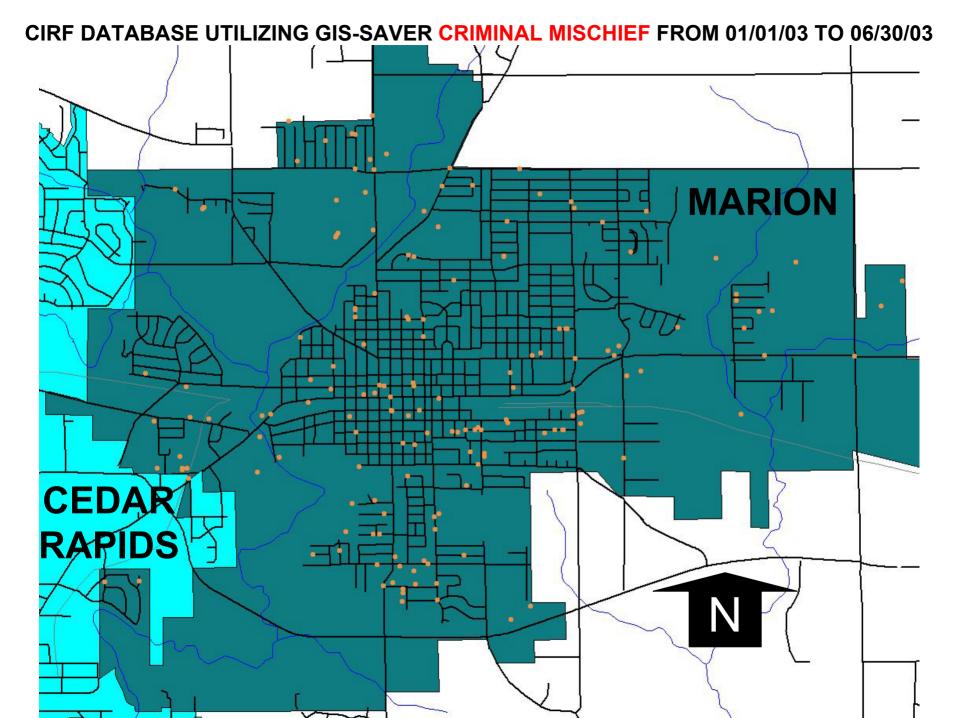




MONTH

CIRF DATABASE UTILIZING GIS-SAVER PUBLIC INTOX ARREST FROM 01/01/03 TO 06/30/03 **MARION** CEDAR RAPIDS

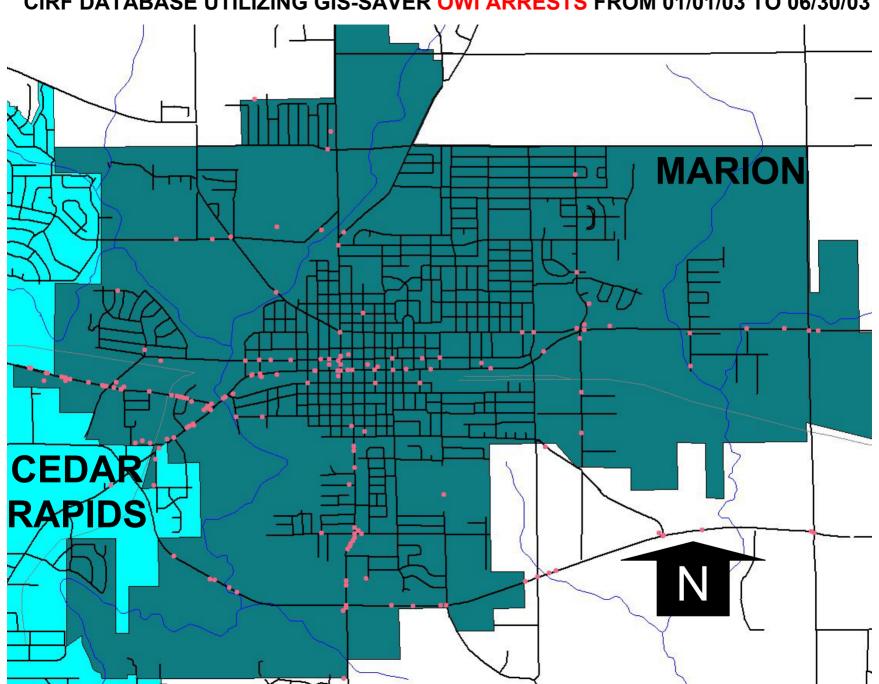
CIRF DATABASE UTILIZING GIS-SAVER BURGLARY FROM 01/01/03 TO 06/30/03 **MARION** CEDAR RAPIDS



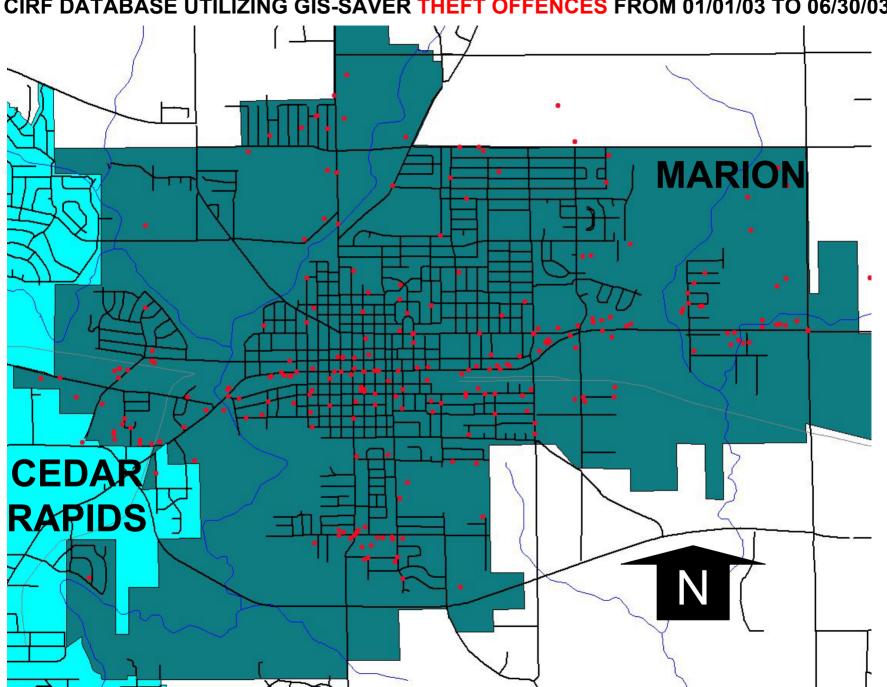
CIRF DATABASE UTILIZING GIS-SAVER DOMESTIC ASSAULTS FROM 01/01/03 TO 06/30/03 **MARION** CEDAR RAPIDS

CIRF DATABASE UTILIZING GIS-SAVER DRUG OFFENCES FROM 01/01/03 TO 06/30/03 **MARION** CEDAR RAPIDS

CIRF DATABASE UTILIZING GIS-SAVER OWI ARRESTS FROM 01/01/03 TO 06/30/03



CIRF DATABASE UTILIZING GIS-SAVER THEFT OFFENCES FROM 01/01/03 TO 06/30/03



PUBLIC AWARENESS THROUGH EDUCATION

MARION POLICE DEPARTMENT

TRAFFIC ENFORCEMENT CITATION SUMMARY CURRENT VS PREVIOUS YEAR

CITATIONS ISSUED EACH YEAR BY TYPE

2002 SPEEDING	2001 SPEEDING	2002 MOVING	2001 MOVING	2002 SAFETY BELTS	2001 SAFETY BELTS	2002 NON MOVING	2001 NON MOVING	2002 CHILD RESTRAINT	2001 CHILD RESTRAINT	2002 TOTAL CITATIONS	2001 TOTAL CITATIONS	2002 TOTAL WARNINGS	2001 TOTAL WARNINGS
2,447	2,626	1,560	1,863	1,834	1,601	1,636	1,591	50	73	7,527	7,754	5,307	6,879

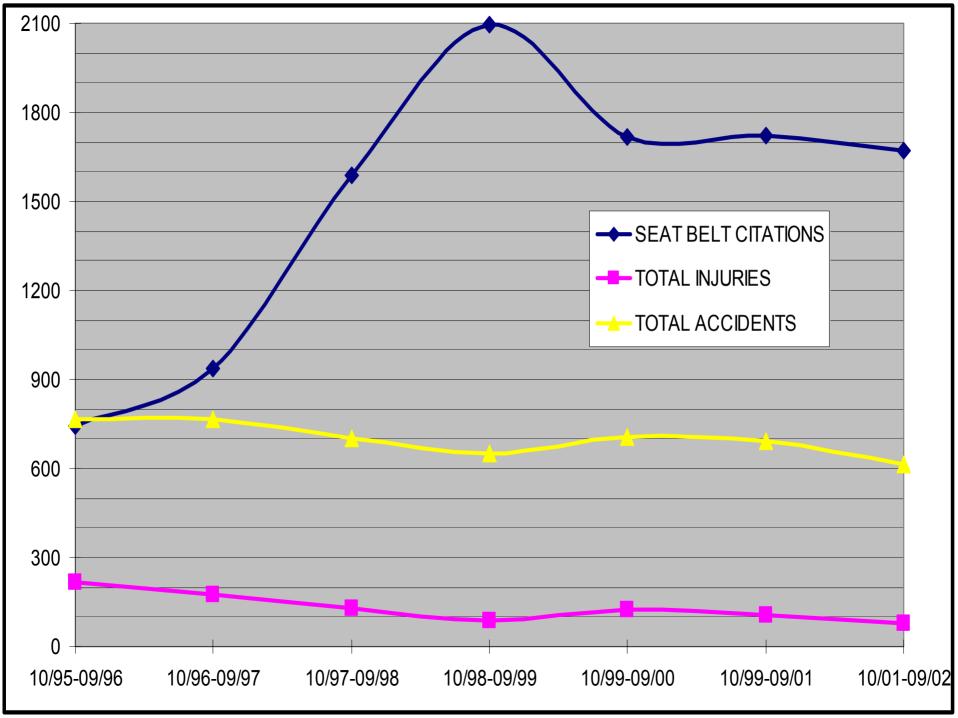
TRAFFIC ACCIDENT SUMMARY CURRENT VS PREVIOUS YEAR

ACCIDENTS REPORTED EACH YEAR BY TYPE

2002 PERSONAL INJURY	2001 PERSONAL INJURY	2002 PROPERTY DAMAGE	2001 PROPERTY DAMAGE	2002 PACKET EXCHANGE	2001 PACKET EXCHANGE	2002 NON REPORT -ABLE	2001 NON REPORT -ABLE	2002 FATALITIES	2001 FATALITIES	2002 TOTAL ACCIDENTS	2001 TOTAL ACCIDENTS
73	84	417	437	94	120	42	28	1	0	627	669

MARION POLICE DEPARTMENT

SEAT BELT CITATIONS VS ACCIDENT INJURIES							
OCT/SEPT	SEAT BELT CITATIONS	BELT USAGE %	TOTAL INJURIES	TOTAL ACCIDENTS			
10/95-09/96	741	83.71%	217	768			
10/96-09/97	938	88.70%	174	765			
10/97-09/98	1589	89.91%	128	700			
10/98-09/99	2096	92.22%	87	650			
10/99-09/00	1717	95.33%	123	708			
10/99-09/01	1722	93.02%	107	692			
10/01-09/02	1670	94.69%	79	615			







April 3, 2003

Ground troops: 20 miles away from Baghdad Navy jet shot down: Fate of pilot is not known Helicopter shot down: 7 die in southern Iraq Iraq's elite forces: Weakened by U.S. attacks

At Baghdad's door

OPERATION IRAOI FREEDOM

DEVELOPMENTS

captured, 15 missing, 158 wounded

Republican Guard: 1

11 bodies: Found where

Land mine: Kills British

Al-Jazeera: Reporter Pentagon: Says Baghdad

Saddant: Declares victory

INSIDE

Freed POW: Fought har

Sacrifica: 4 of lowa



Toughest fighting lies ahead

► WHAT'S NEXT, PAGE 4A



► WAR, PAGE SA

Fasten your seat belts in Marion

Town's reputation for issuing lots of traffle

> TICKETS, PAGE SA

As of this week, the prob-

DHS glitch left welfare open to abuse of limits

Welfare in Iowa

TODAY'S GAZETTE





TEEN SETS SIGHTS ON STARS





Storms late

Fasten your seat belts in Marion

Town's reputation for issuing lots of traffic tickets well-deserved

By Christoph Trappe

The Gazette

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MARION — Most Eastern Iowans know to watch their speed while going through Marion, where the Police Department has a reputation for handing out a lot of traffic tickets.

You'd better buckle your seat belt, too.

A Gazette examination of traffic tickets written by local police departments in 2002 gives weight to the longheld assumption that Marion issues more traffic tickets per capita than neighboring Cedar Rapids.

Traffic tickets

City	Tickets issued in 2002	Population	Tickets per 1,000 pop.
Marion	7,673	26,294	292
Cedar Rapids	25,100	120,758	208
Coralville	2,897	15,123	192
lowa City	7,639	62,220	123
University Heights	3,000	987	329
Nichols	126	374	337

Source: Police departments listed and the U.S. Census Bureau

Gazette graphic

In 2002, Marion police officers wrote 7,673 traffic tickets in a city of 26,294.

That's 34 more tickets than Iowa City police wrote last year in a city of 62,200.

"I think the Marion Police Department has always realized ... a positive effect on the community by enforcing traffic laws," said Lt. Michael De La Mater, commander of the Marion department's patrol division. "We have always taken traffic enforcement seriously."

Police in Cedar Rapids, population 120,758, wrote 25,100 tickets in 2002. While that's far more than the Marion total, it's proportionately fewer in terms of population. (See chart.)

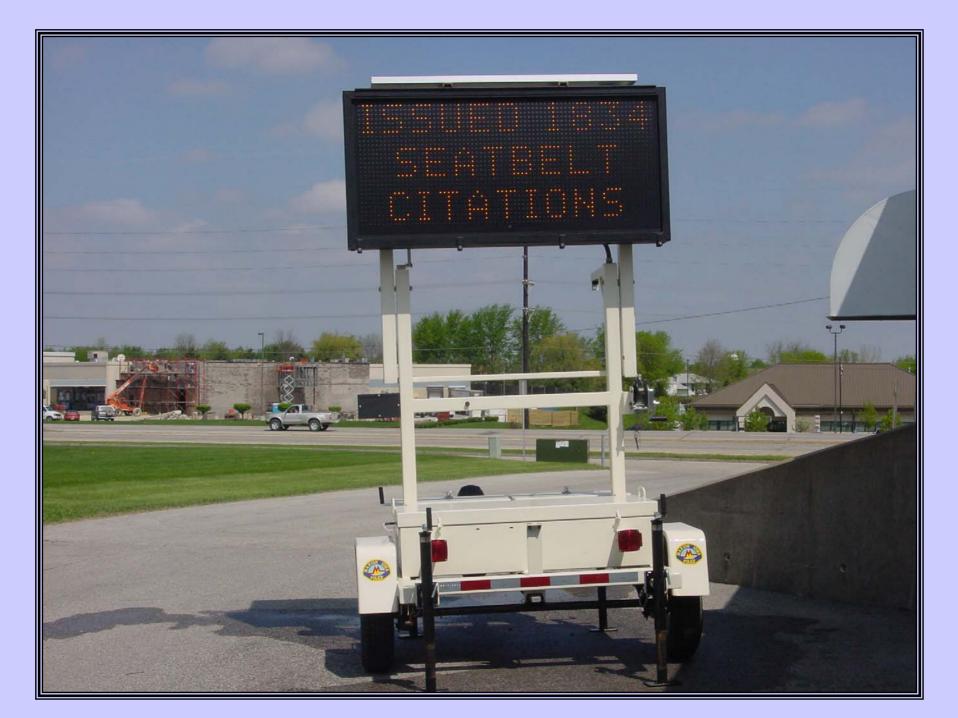
Of the 7,673 tickets written in Marion, 2,447 were for speeding, 1,834 were seat belt citations, police records show. De La Mater points to surveys that show a decrease in injury accidents as seat belt usage increases. And Marion has the numbers to prove it:

- Between October 1995 and September 1996, Marion officers wrote 741 seat belt tickets. Seat belt usage was almost 84 percent; 768 accidents were reported with 217 injuries.
- Between October 2001 and September 2002, officers wrote 1,670 seat belt tickets. Seat belt usage was 94 percent (19 percent higher than the national average); 615 accidents were reported with 79 injuries.

The state's average for seat belt compliance is 82 percent, according to the Governor's Traffic Safety Bureau.

TICKETS, PAGE 5A









TRAFFIC RECORDS FORUM 2003